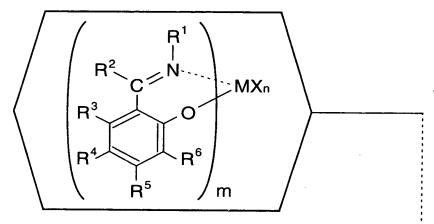


Fig. 1

(A) Transition metal compound



M: Transition metal atom of Groups 3-11.

 $R^1 - R^6$:H, hydrocarbon group, etc.

m:1-6

n: Number satisfying valence of M

X: Hal, hydrocarbon group, etc.

(B)

Organometallic compound

Olefin

Organo aluminum
Organoaluminium oxy-compound

Compound reacting with transition metal compound to form ion pair



Fig.2

(A) Transition metal compound

M: Transition metal atom of Groups 3-11

 $R^1 - R^{10}$: Hal, hydrocarbon group, etc.

n:Number satisfying valence of M

X : Hal, etc.

Y: Hydrocarbon group of C3 or more, etc.

(B)

Organometallic compound

Olefin

organoaluminum
Organoaluminium oxy-compound

Compound reacting with transition metal compound to form ion pair